

# **METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING IDE DEVICE CONNECTIONS**

## **ABSTRACT**

5       Methods, systems, and computer readable mediums provide for the detection of  
IDE drives connected to intelligent drive electronics channels within a computer.  
Detection may be obtained by reading a status register destination and detecting whether  
data read from the status register destination has a predefined value. Based on the data  
read from the status register destination, an indication that an IDE drive is connected to  
10   the intelligent drive electronics channel is returned. Detection of enhanced IDE or ATAPI  
drives connected to an intelligent drive electronics channel is also provided. Enhanced  
IDE drives may be detected by reading a cylinder high register destination and a cylinder  
low register destination to detect a predefined signature. Based on the data read from the  
cylinder high and the cylinder low register destinations, an indication that an enhanced  
15   IDE drive is connected to an intelligent drive electronics channel is returned.